



(Only for new nonprovisional applications under 37 CFR 1.53(b))

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	24-AT-5990
First Named Inventor or Application Identifier	Roy C. Challberg
Title	CORE SUPPORT FOR AN F-LATTICE CORE OF A BOILING WATER NUCLEAR REACTOR
Express Mail Label No.	EL319732601US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)6. Microfiche Computer Program (Appendix)2. Specification [Total Pages] 147. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC 113) [Total Sheets] 11**ACCOMPANYING APPLICATION PARTS**

4. Oath or Declaration [Total Pages] 2

- 8. Assignment Papers (cover sheet & document(s))
- 9. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
- 10. English Translation Document (if applicable)
- 11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 12. Preliminary Amendment
- 13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 14. Small Entity Statement(s) Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
- 15. Certified Copy of Priority Document(s) (If foreign priority is claimed)
- 16. Other: Certificate of Express Mailing

a. Newly executed (original or copy)b. Copy from a prior application (37 CFR 1.63(d))(for continuation/divisional with Box 17 completed)
(Note Box 5 below)i. DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No:

Prior application information:

Examiner: _____

Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> Correspondence address below
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NAME	John S. Beulick Armstrong Teasdale LLP		
ADDRESS	Suite 2600 One Metropolitan Square		
CITY	St. Louis	STATE	MO
COUNTRY	U.S.A.	TELEPHONE	(314) 621-5070
		ZIP CODE	63102-2740
		FAX	(314) 621-5065

Name (Print/type)	Michael Tersillo	Registration No. (Attorney/Agent)	42,180
Signature			Date 10/19/00

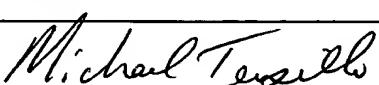
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL		Complete If Known											
<p>Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</p>		<table border="1" style="width: 100%;"> <tr> <td colspan="2">Application Number</td> </tr> <tr> <td colspan="2">Filing Date</td> </tr> <tr> <td colspan="2">First Named Inventor</td> </tr> <tr> <td colspan="2">Group Art Unit</td> </tr> <tr> <td colspan="2">Examiner Name</td> </tr> </table>		Application Number		Filing Date		First Named Inventor		Group Art Unit		Examiner Name	
Application Number													
Filing Date													
First Named Inventor													
Group Art Unit													
Examiner Name													
TOTAL AMOUNT OF PAYMENT		\$710.00											
		Attorney Docket Number											
		24-AT-5990											

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)			
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:							
Deposit Account Number	01-2384			Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)
Deposit Account Name				Fee	Fee	Fee	Fee
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.16 at the Mailing of the Notice of Allowance				Fee Description Fee Description Fee Description Fee Description			
2 <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				Fee	Fee	Fee	Fee
FEES CALCULATION							
1. FILING FEE							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
101	710	201	355	Utility Filing Fee	710.00		
106	320	206	160	Design Filing Fee			
107	490	207	245	Plant Filing Fee			
108	710	208	355	Reissue filing Fee			
114	150	214	75	Provisional Filing Fee			
				SUBTOTAL (1)	\$ 710.00		
2. CLAIMS							
Total Claims	16	*20	0	Extra	Fee From Below	Fee Paid	
Independent Claims	2	* 3	0	x	0.00	=	0.00
Multiple Dependant Claims			x	x	0.00	=	0.00
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description			
102	18	201	9	Claims in excess of 20			
102	80	202	39	Independent claims in excess of 3			
104	206	204	130	Multiple dependent claim			
109	78	209	39	Reissue independent claims over original patent			
110	18	210	9	Reissue claims in excess of 20 and over original patent			
				SUBTOTAL (2)	\$ 0.00		
*Reduced by Basic Filing Fee Paid SUBTOTAL (3)							

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Michael Tersillo			Reg. Number	42,180
Signature				Date	10/19/00
				Deposit Account User ID	

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PATENT
Atty Dkt No: 24-AT-5990

**CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS**

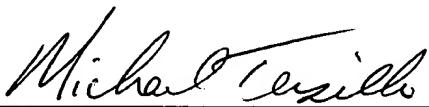
Express Mail mailing label number: EL319732601US

Date of Mailing: October 19, 2000

I certify that the attached complete utility patent application of **Roy C. Challberg** for **CORE SUPPORT FOR AN F-LATTICE CORE OF A BOILING WATER NUCLEAR REACTOR**, including:

- Patent Application Transmittal (1 page)
- Fee Transmittal (in duplicate) (1 page)
- Nine (9) pages of specification; four (4) pages of claims; one (1) page of abstract
- Eleven (11) sheets of drawings
- Declaration and Power of Attorney of Roy C. Challberg (2 pages)
- Assignment of Roy C. Challberg (1 page)
- Assignment Recordation Cover Sheet (in duplicate) (1 page)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.



Michael Tersillo
Reg. No. 42,180
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102
314/621-5070